





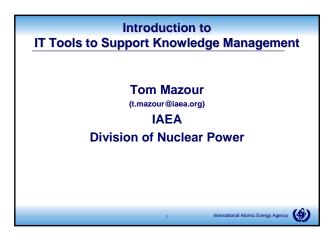
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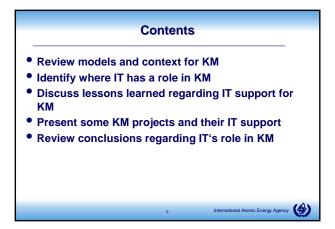
SCHOOL OF NUCLEAR KNOWLEDGE MANAGEMENT

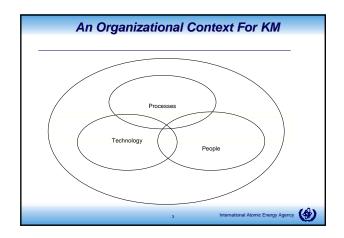
18-22 September 2006

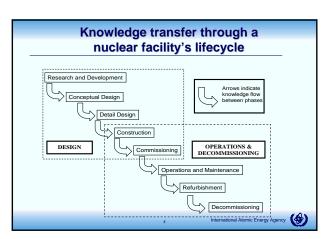
Introduction to IT tools to support knowledge management

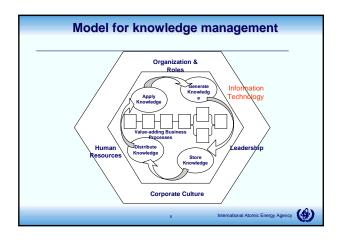
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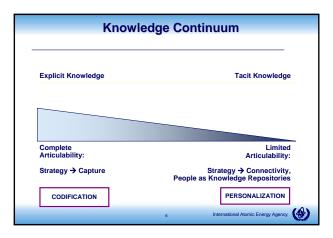


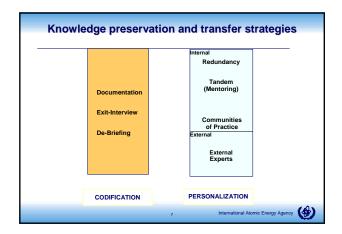


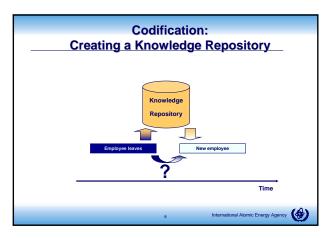








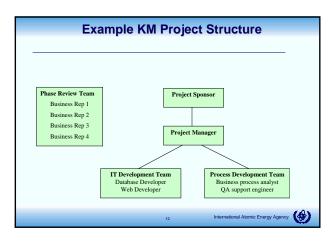




Knowledge management elements for a nuclear industry operating organization Plant policies and procedures Document control system Configuration management system Human resource management Training and qualification programmes Learning from operating experience Work control system Corrective action system Communication systems What is the role of IT for each of these elements?

KM should improve the value to the organization of existing programmes through: Identifying risks due to knowledge gaps Increasing the value of existing knowledge Converting tacit knowledge to explicit knowledge Continually learning in a smart and lasting way access to more, and more reliable knowledge/information What role should IT have regarding these?





Nowledge: An individual's perspective A person's capacity to act can be seen as the result of a five-fold integration process by which several kinds of knowledge are integrated: technical expertise methodological knowledge social competence (getting along with others) meta-knowledge (knowing where) experience.

Knowledge: An Individual's Perspective

- All knowledge an individual has is the result of a personal learning history.
- Learning is always shaped by the context in which a person's learning takes place.
- Learning and knowledge accumulated in a certain context may not be actionable in a different
- Thus, organizational context always has to be considered as a variable in knowledge transfer and preservation activities.

